

State of Louisiana  
Department of Transportation and Development (DOTD)  
Materials and Testing Section Approved Materials Procedure  
for

**PLASTIC DRUMS FOR TRAFFIC WARNING OR CHANNELIZATION**

**MATERIAL SPECIFICATION REFERENCE:**

Standard Specifications 1015.05.2.6 and DOTD Standard Plans for Temporary Traffic Control.

**PRELIMINARY REQUIREMENTS:**

Approved Materials Evaluation Form

The manufacturer shall submit a standard "Approved Materials Evaluation Form" (copy attached) to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Approved Materials List.

General Information

Include all pertinent information relative to the material to be evaluated; including, but not limited to, manufacturer's specifications, typical analysis and a Safety Data Sheet (SDS) if applicable.

This information will be reviewed by the Department to determine conformance to DOTD specifications and the Louisiana MUTCD.

AASHTO National Transportation Products Evaluation Program (NTPEP)  
Product Evaluation Form

The manufacturer shall also submit a standard "AASHTO National Transportation Products Evaluation Program (NTPEP) Product Evaluation Form" to the AASHTO NTPEP Coordinator. The manufacturer will be contacted by the Coordinator regarding the submission of samples. For more information regarding operational procedures, submittals, and testing procedures, contact the NTPEP Coordinator at (222)624-3695, or visit the NTPEP website at [www.ntpep.org](http://www.ntpep.org).

**TEST REQUIREMENTS:**

**AASHTO NTPEP**

Results obtained by the AASHTO NTPEP will be used in the evaluation of this material. Drum characteristics checked will include the breakaway feature, flexibility, stability, the ability of securing ballast, and the effects of impact. Of the drums included in the evaluation, a minimum of fifty percent are required to provide adequate performance upon completion of the field testing. Rubber bases (excluding recycled rubber tire walls) shall be a minimum of 18 kg (40 lbs).

### Evaluation Time

A final report will be received after the evaluation period. Exact deadline dates and details for submittals should be obtained from the NTPEP Coordinator.

### **GENERAL:**

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the material will or will not be added to the Approved Materials List. The Department reserves the right to reevaluate any material at any time. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

### **PROJECT ACCEPTANCE REQUIREMENTS:**

Inclusion of your product on the Approved Materials List is not blanket approval for its use.

All products, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual.

### **DISQUALIFICATION:**

Any material may be removed from the Approved Materials List for non-conformance with specifications or performance requirements. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

**REQUALIFICATION:**

A material which has been disqualified and removed from the Approved Materials List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

**DOTD MATERIALS AND TESTING SECTION COORDINATOR**

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Approved 2-5-15

A handwritten signature in black ink, appearing to read 'Chris Abadie', written over a horizontal line.

CHRIS ABADIE, P. E.  
MATERIALS ENGINEER ADMINISTRATOR